

CLAIMS:

1. A lamp, in particular a vehicle lamp, with
 - a burner (12),
 - a holding device (20, 22) made of metal, which is secured to the burner (12)
 - and a bottom section (24) made of plastic, wherein the bottom section (24)
- 5 exhibits an opening (28) in which a base sleeve (26) made of metal is disposed, which is connected to the holding device (20, 22),
 - and wherein, at least in an upper area facing towards the burner (12), the inner wall of the opening (28) and/or the exterior of the base sleeve (26) is provided with projections (40) such that, along its periphery, the base sleeve (26) does not bear against the
- 10 bottom section over its entire surface.
2. A lamp as claimed in claim 1, in which
 - the projections (40) take the form of either a number of lugs (40) running longitudinally and/or transversely in relation to the opening, or of punctiform elevations.
- 15 3. A lamp as claimed in any one of the preceding claims, in which
 - the base sleeve (26) is mainly accommodated in the bottom section (24).
4. A lamp as claimed in any one of the preceding claims, in which,
 - at its upper end facing towards the burner (12), the base sleeve (26) takes the form of a flange (26a), which screens a top side (36) of the bottom section (24), at least
- 20 partially, against the burner (12).
5. A lamp as claimed in claim 4, in which
 - a space remains between the flange (26a, 26b) and the top side (36).
- 25 6. A lamp as claimed in any one of the preceding claims, in which
 - the bottom section (24) is integrally produced from plastic.

7. A lamp as claimed in any one of the preceding claims, in which
- the base sleeve (26) takes the form of a floor (42) at its lower end facing
away from the burner (12),

5 - wherein the floor (42) is in contact with the plastic material of the bottom
section (24).

8. A lamp as claimed in any one of the preceding claims, in which
- cooling fins (50) or cooling slots are provided on the exterior of the bottom
section (24).

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9. A lamp, in particular a vehicle lamp, with
- a burner (12),
- a holding device (20, 22) made of metal, which is secured to the burner (12)
- and a bottom section (24) in which a base sleeve (26) made of metal is

15 disposed, which is connected to the holding device (20, 22),

- wherein the base sleeve (26) develops a flange (26a), which screens a top
side (36) of the bottom section (24), at least partially, against the burner (12),
- and wherein a space remains between the flange (26a) and the top side (36).

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- A vehicle headlamp with

- a reflector (46)
- and a lamp (10) fitted on the reflector (46) as claimed in any one of the
preceding claims,

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- wherein the burner (12) is located inside the reflector housing,

- and the bottom section (24) of the lamp (10) is located mainly outside the
reflector housing.